

AMENDMENTS TO THE CLAIMS

1-5 (Canceled)

6. (Currently Amended) A composition in accordance with claim ~~4~~ 25, wherein the said pozzolan has a P.S.D. such that at least 95% by weight of the particles are of less than 25 microns E.S.D.

7. (Currently Amended) A composition in accordance with claim ~~4~~ 25, wherein the said pozzolan has a P.S.D. such that at least 95% by weight of the particles are of less than 10 microns E.S.D.

8. (Currently Amended) A composition in accordance with claim ~~4~~ 25, wherein the said pozzolan has a P.S.D. such that at least 95% by weight of the particles are of less than 5 microns E.S.D.

9. (Currently Amended) A composition in accordance with claim ~~4~~ 25, wherein the said pozzolan has a P.S.D. such that at least 95% by weight of the particles are of less than 3 microns E.S.D.

10. (Canceled)

11. (Currently Amended) A blended pozzolanic cement produced by blending with portland cement, from 5 to 40% by weight of the total composition of a fine white pozzolan

comprising a finely ground vitreous ~~low alkali low iron glass derived from glass manufacturing by products~~ calcium aluminosilicate (CaO-Al₂O₃-SiO₂) powder derived from previously discarded glass fibers having low alkali and low iron content, and low levels of discolorants;

said powder having a alkali content by weight of not more than 2% as (Na₂O+K₂O), an iron content by weight of not more than 0.8% as Fe₂O₃, and being substantially white in color with a reflectance value of at least 80 as measured by a Technibrite TB-1C colorimeter according to the ISO 2467, 2471 method;

at least 95% by weight of the powder particles being of less than 45 microns E.S.D. and said particles having a blocky, relatively equi-dimensional particle shape wherein the average aspect ratio of the particles is less than 2:1, and with substantially no residual high aspect ratio fibers.

12. (Previously Presented) A blended cement in accordance with claim 11 which is substantially white; said cement having a reflectance of at least 80 on an "Rd" scale measured on a Hunter Lab colorimeter.

13. (Currently Amended) A white pozzolanic cement produced by intergrinding of a vitreous low alkali, low iron pozzolan ~~derived from glass manufacturing by products~~ in accordance with claim 25 with white portland cement clinker and white gypsum.

14. (Currently Amended) A raw feed for white cement clinker production comprising a finely ground vitreous low alkali, and low iron content ~~glass pozzolan~~ in accordance with claim 25 derived from fine grinding of glass fibers.

15. (Currently Amended) A white pozzolanic cement in accordance with claim 13, wherein said white clinker is selected from one or more members of the group consisting of Type I, Type II, Type III, Type IV, ~~or~~ and Type V ASTM C-150 cements.

16. (Currently Amended) A colored pozzolanic cement comprising the white cement of claim 12 together with an admixed coloring pigment.

17. (Previously Presented) A blended pozzolanic cement in accordance with claim 11, further comprising one or more functional cement additives selected from the group consisting of accelerators, retarders, water-reducers/plasticizers, corrosion inhibitors, and pigments.

18. (Withdrawn)

19. (Withdrawn)

20. (Withdrawn)

21. (Withdrawn)

22. (Withdrawn)

23. (Withdrawn)

24. (Withdrawn)

25. (New) A white pozzolan for blending with portland cement for use in white and colored concrete applications, comprising a finely ground vitreous calcium aluminosilicate ($\text{CaO}-\text{Al}_2\text{O}_3-\text{SiO}_2$) powder derived from previously discarded glass fibers having low alkali and low iron content, and low levels of discolorants;